



Form PTO-1449 Medicines List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. UNGR-1598	Serial No. 09/699,679
		Applicant UNGER et al.	
		Filing Date October 30, 2000	Group Unknown 1617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
MAW	AA	Fitzpatrick, et al., "Metal Ion Catalyzed Decarboxylation: Kinetics and Mechanism of the Oxidative Decarboxylation of Copper (II) Complexes of Aminomalonic Acid in Aqueous Solution", <i>Inorganic Chemistry</i> , Vol. 13, No. 3, pp. 568-574 (1974)	
MAW	AB	Thanassi, "Aminomalonic Acid: Spontaneous Decarboxylation and Reaction with 5-Deoxypyridoxal", <i>Biochemistry</i> , Vol 9, No. 3, pp. 525-532 (1970)	
MAW	AC	Stelmashok et al., <i>Koordinatsionnaya Khimiya</i> , Vol. 3, No. 4, pp. 524-527 (1977) (Russian and English language versions)	
MAW	AD	Mayhew et al., "High-Pressure Continuous-Flow System for Drug Entrapment in Liposomes", <i>Methods in Enzymology</i> , Vol. 149, pp. 64-77 (1987)	
MAW	AE	Mayhew et al., "Characterization of Liposomes Prepared Using a Microemulsifier", <i>Biochimica et Biophysica Acta</i> , Vol. 775, pp. 169-174 (1984)	
MAW	AF	Hope et al., "Production of large unilamellar vesicles by a rapid extrusion procedure. Characterization of size distribution, trapped volume, and ability to maintain a membrane potential", <i>Biochimica et Biophysica Acta</i> , Vol. 812, pp. 55-65 (1985)	
MAW	AG	Mayer et al., "Vesicles of Variable Size Produced by a Rapid Extrusion Procedure", <i>Biochimica et Biophysica Acta</i> , Vol. 858, pp. 161-168 (1986)	
MAW	AH	Cheng et al., "The Production and Evaluation of Contrast-Carrying Liposomes Made with an Automatic High Pressure System", <i>Investigative Radiology</i> , Vol. 22, No. 1, pp. 47-55 (1987)	
MAW	AI	Jain, et al., "Facilitated Transport", <i>Introduction to Biological Membranes</i> , Ch. 9, pp. 192-231 (J. Wiley and Sons, N.Y. 1980)	
EXAMINER <i>Michael D. Hill</i>		DATE CONSIDERED <i>4/24/02</i>	



Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MAW	AJ	Sigel, H., ed., <i>Metal Ions in Biological Systems: Antibiotics and Their Complexes</i> , Vol. 19 Marcel Dekker, N.Y. 1985
MAW	AK	Nayar et al., "Generation of Large Unilamellar Vesicles From Long-chain Saturated Phosphatidylcholines by Extrusion Technique", <i>Biochimica et Biophysica Acta</i> , Vol. 986, pp. 200-206 (1989)
MAW	AL	Hope et al., "Generation of Multilamellar and Unilamellar Phospholipid Vesicles", <i>Chemistry and Physics of Lipids</i> , Vol. 40, pp. 89-107 (1986)
MAW	AM	Mattrey et al., "Perfluorochemicals as US Contrast Agents for Tumor Imaging and Hepatosplenography: Preliminary Clinical Results", <i>Radiology</i> , Vol. 163, No. 2, pp. 339-343 (1987)
MAW	AN	Mattrey et al., "Perfluorooctylbromide: A Liver/Spleen-Specific and Tumor-Imaging Ultrasound Contrast Material", <i>Radiology</i> , Vol. 145, pp. 759-762 (1982)
MAW	AO	Keller et al., "Successful Left Ventricular Opacification Following Peripheral Venous Injection of Sonicated Contrast Agent: An Experimental Evaluation", <i>LV Contrast Echocardiography</i> , Vol. 114, No. 3, pp. 570-575 (1987)
MAW	AP	Feinstein et al., "Two-Dimensional Contrast Echocardiography. I. In Vitro Development and Quantitative Analysis of Echo Contrast Agents", <i>JACC</i> , Vol. 3, No. 1, pp. 14-20 (1984)
MAW	AQ	Ten Cate et al., "Two-Dimensional Contrast Echocardiography. II: Transpulmonary Studies", <i>JACC</i> , Vol. 3, No. 1, pp. 21-27 (1984)
MAW	AR	Unger et al., "Hepatic Metastases: Liposomal Gd-DTPA-enhanced MR Imaging", <i>Radiology</i> , Vol. 171, No. 1, pp. 81-85 (1989)
EXAMINER	Michael W. Willis	
DATE CONSIDERED		4/21/02



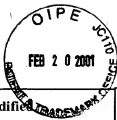
Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. UNGR-1598	Serial No. 09/699,679
		Applicant UNGER et al.	
		Filing Date October 30, 2000	Group Unknown 1617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
MSW	AS	Deamer et al., "Permeability of Lipid Bilayers to Water and Ionic Solutes", <i>Chemistry and Physics of Lipids</i> , Vol. 40, pp.167-188 (1986)	
MSW	AT	Gutknecht et al., "Diffusion of carbon dioxide through lipid bilayer membranes. Effects of carbonic anhydrase, bicarbonate, and unstirred layers", <i>Chemical Abstracts</i> , Vol. 87, 34762q, p. 136 (1977)	
MSW	AU	Scarpa et al., "Cation Permeability of Liposomes as a Function of the Chemical Composition of the Lipid Bilayers", <i>Biochimica et Biophysica Acta</i> , Vol. 241, pp. 789-797 (1971)	
MSW	AV	MacNaughton et al., "Effects of Gaseous Anaesthetics and Inert Gases on the Phase Transition in Smectic Mesophases of Dipalmitoyl Phosphatidylcholine", <i>Biochimica et Biophysica Acta</i> , Vol. 597, pp. 193-198 (1980)	
MSW	AW	Tilcock et al., "Liposomal Gd-DTPA: Preparation and Characterization of Relaxivity", <i>Radiology</i> , Vol. 171, No. 1, pp.77-80 (1989)	
MSW	AX	Mann et al., "Formation of Iron Oxides in Unilamellar Vesicles", <i>Journal of Colloid and Interface Science</i> , Vol. 122, No.2, pp. 326-335 (1988)	
MSW	AY	Anderson et al., "Manganese (III) Complexes in Oxidative Decarboxylation of Acids", <i>J. Am. Chem. Soc.</i> , Vol. 92, No.8, pp. 2450-2460 (1970)	
MSW	AZ	Muhlradt et al., "Vitamin B6 Analogs: An Improved Synthesis of 5-Deoxypyridoxal", <i>New Compounds</i> , Vol. 10, pp. 129-130 (1967)	
EXAMINER Michael A. Willis		DATE CONSIDERED 4/21/02	



Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. UNGR-1598	Serial No. 09/699,679
		Applicant UNGR et al.	
		Filing Date October 30, 2000	Group Unknown 1617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
msw	BA	Chapman, "Physicochemical Properties of Phospholipids and Lipid-Water Systems", <i>Liposome Technology</i> , Gregoriadis, G., ed., Chapter 1, Vol. 1, pp. 1-18 (CRC Press, Boca Raton, FL, 1984)	
unsw	BB	Violante et al., "Particulate Suspensions as Ultrasonic Contrast Agents for Liver and Spleen", <i>Inv. Rad.</i> , Vol. 23, pp. S294-S297, September 1988	
msw	BC	Fritzsche et al., "Preclinical and Clinical Results with an Ultrasonic Contrast Agent", <i>Inv. Rad.</i> , Vol. 23, pp. S302-S305, September 1988	
unsw	BD	Brochure, <i>Experience</i> , Sonicator™, Heat Systems-Ultrasonics, Inc. (1987)	
unsw	BE	M. Ostro, "Liposomes", Marcel Dekker, New York, pp. 102-103 (1983)	
unsw	BF	Fukuda et al., "Polymer-Encased Vesicles Derived from Dioctadecyldimethylammonium Methacrylate", <i>J. Am. Chem. Soc.</i> , Vol. 108, pp. 2321-2327 (1986)	
unsw	BG	Regen, "Polymerized Vesicles", <i>J. Am. Chem. Soc.</i> , Vol. 102, pp. 6638-6640 (1980)	
unsw	BH	Rose, A. and Rose, E., "The Condensed Chemical Dictionary", Reinhold Publishing, New York, pp. 728 and 743 (1966)	
unsw	BI	A.G. Belykh, <i>Farmakol Toksikol. (MOSC)</i> , Vol. 44(3), pp. 322-326 (1981) (abstract)	
unsw	BJ	J. Vion-Dury et al., <i>J. Pharmacol. Exper. Ther.</i> , Vol. 250(3), pp. 1113-1118 (1989) (abstract)	
EXAMINER Michael A. Wells		DATE CONSIDERED 4/21/02	













Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. UNGR-1598	Serial No. 09/699,679
		Applicant UNGER et al.	
		Filing Date October 30, 2000	Group Unknown <i>1617</i>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>msw</i>	BK	M.R. Zalutsky et al., <i>Invest. Radiol.</i> , Vol. 22(2), pp. 141-147 (1987) (abstract)	
<i>msw</i>	BL	Crowe et al., "Preservation of Freeze-Dried Liposomes by Trehalose", <i>Archives of Biochemistry and Biophysics</i> , Vol. 242, pp. 240-247 (1985)	
<i>msw</i>	BM	Crowe et al., "Preservation of Structural and Functional Activity in Lyophilized Sarcoplasmic Reticulum", <i>Archives of Biochemistry and Biophysics</i> , Vol. 220, pp. 477-484 (1983)	
<i>msw</i>	BN	Dorland's Illustrated Medical Dictionary, p. 946, 27th ed. (W.B. Saunders Company, Philadelphia 1988)	
<i>msw</i>	BO	<i>Liposome Technology</i> , Gregoriadis, G., ed., Vol. I, pp. 1-18, 30-35, 51-65 and 79-107 (CRC Press Inc., Boca Raton, FL, (1984)	
<i>msw</i>	BP	Madden et al., "The accumulation of drugs within large unilamellar vesicles exhibiting a proton gradient: a survey", <i>Chemistry and Physics of Lipids</i> , Vol. 53, pp. 37-46 (1990)	
<i>msw</i>	BQ	Sinkula et al., "Rationale for Design of Biologically Reversible Drug Derivatives: Prodrugs", <i>J. Pharm. Sci.</i> , Vol. 64, No. 2, pp. 181-210 (1975)	
<i>msw</i>	BR	Shiina et al., "Hyperthermia by Low-frequency Synthesized Ultrasound", <i>IEEE Engineering</i> , pp. 879-880, Vol. 2 (1988) (abstract)	
<i>msw</i>	BS	McAvoy et al., <i>IEEE Engineering, Ultrasonics Symposium Proceedings</i> , Vol. 2, pp. 677-1248 (1989) (abstract)	
<i>msw</i>	BT	Chapman et al., "Biomembrane Phase Transitions", <i>J. Biol. Chem.</i> , Vol. 249, pp. 2512-2521 (1974)	
EXAMINER <i>Michael D. Wells</i>		DATE CONSIDERED <i>4/21/02</i>	



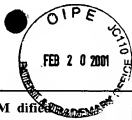
Form PTO-1449 Modified		Docket No. UNGR-1598	Serial No. 09/699,679
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant UNGR et al.	
U.S. Department of Commerce		Filing Date October 30, 2000	Group Unknown 1617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
MAW	BU	Hug et al., "Liposomes for the Transformation of Eukaryotic Cells", <i>Biochimica et Biophysica Acta</i> , 1991, 1097:1-17	
MAW	BV	Marsh, <i>CRC Handbook of Lipid Bilayers</i> (CRC Press, Boca Raton, FL 1990) pp. 139-141	
MAW	BW	Szoka et al., "Procedure for preparation of liposomes with large internal aqueous space...", <i>Proc. Natl. Acad. Sci.</i> , Vol. 75, No. 9, pp. 4194-4198 (1978)	
MAW	BX	Acoustic Imaging; AI5200; Convex Curved Linear Array Ultrasound Transducers Operator's Manual, November 20, 1989, 4700-0003-1C, p. 4	
MAW	BY	Bangham et al., "Diffusion of Univalent Ions across the Lamellae of Swollen Phospholipids", <i>J. Mol. Biol.</i> , 1965, 13:238-252	
MAW	BZ	Carson et al., "Ultrasound Power and Intensities Produced By Diagnostic Ultrasound Equipment", <i>Ultrasound in Med. & Biol.</i> , Vol 3, pp. 341-350 (1978)	
MAW	CA	Kost et al., <i>Polymers in Medicine II: Biomedical and Pharmaceutical Applications</i> , "Ultrasonic Modulated Drug Delivery Systems", Chiellini et al., eds., (Plenum Press, New York and London), pp. 387-396 (1985)	
MAW	CB	deGier et al., "Relations Between Liposomes and Biomembranes", <i>Annals of New York Academy of Sciences</i> , Vol. 308, pp. 85-99 (1978)	
MAW	CC	Felgner et al., "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure", <i>Proc. Natl. Acad. Sci.</i> , Vol. 84, pp. 7413-7417 (1987)	
EXAMINER		MAW H. W. L. L.	DATE CONSIDERED 4/21/02



Form PTO-1449 Modified		Docket N . UNGR-1598	Serial No. 09/699,679
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant UNGR et al.	
U.S. Department of Commerce		Filing Date October 30, 2000	Group Unknown 617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	CD	Gabizon et al., "Liposome formulations with prolonged circulation time in blood and enhanced uptake by tumors", <i>Proc. Natl. Acad. Sci.</i> , Vol. 85, pp. 6949-6953 (1988)	
	CE	Garelli, et al., "Incorporation of new amphiphilic perfluoroalkylated bipyridine platinum and palladium complexes into liposomes: stability and...." <i>Biochimica et Biophysica Acta</i> , Vol. 1127, pp. 41-48 (1992)	
	CF	Kawai et al., "New Procedure for DNA Transfection with Polycation and Dimethyl Sulfoxide", <i>Molecular and Cellular Biology</i> , Vol. 4, No. 6, pp. 1172-1174 (1984)	
	CG	Kuo et al., "Metallocene Antitumor Agents. Solution and Solid-State Molybdenocene Coordination...", <i>J. Am. Chem. Soc.</i> , Vol. 113, No. 24, pp. 9027-9045 (1991)	
	CH	MacDonald, <i>Mammalian Cell Biotechnology: A Practical Approach</i> , M. Butler, ed., (Oxford University Press, New York), Chapter 4, pp. 57-70 (1991)	
	CI	Mathiowitz et al., "Photochemical Rupture of Microcapsules: A Model System", <i>Journal of Applied Polymer Science</i> , Vol. 26, pp. 809-822 (1981)	
	CJ	May et al., "Cationic Liposomes Enable Bovine Herpesvirus Type 2 DNA to Infect Cells", <i>Acta virol.</i> , 1991, 35:107	
	CK	Poznansky et al., "Biological Approaches to the Controlled Delivery of Drugs: A Critical Review", <i>Pharmacol. Rev.</i> , Vol. 36, No. 4, pp. 277-336 (1984)	
	CL	Sato et al., "Recent Aspects In The Use Of Liposomes In Biotechnology And Medicine", <i>Prog. Lipid Res.</i> , Vol. 31, No. 4, pp. 345-372 (1992)	
EXAMINER			DATE CONSIDERED 4/21/02



Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. UNGR-1598	Serial No. 09/699,679
		Applicant UNGER et al.	
		Filing Date October 30, 2000	Group Unknown 1617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	CM	Simons et al., "Antisense c-myc oligonucleotides inhibit intimal arterial smooth muscle cell accumulation in vivo", <i>Nature</i> , Vol. 359, pp. 67-70 (1992)	
	CN	Thompson, "At Age 2, Gene Therapy Enters a Growth Phase", <i>Science</i> , Vol. 258, pp. 744-746 (1992)	
	CO	Trubetskoy et al., "Cationic liposomes enhance targeted delivery and expression of exogenous DNA....", <i>Biochimica et Biophysica Acta</i> , Vol. 1131, pp. 311-313 (1992)	
	CP	Umemura et al., "Studies on Sonodynamic Cancer Therapy", <i>IEEE</i> , O-7803-0785, pp. 354-355 (1992)	
	CQ	Williams, "Human Gene Therapy: Searching for Better Vectors", <i>ASM News [American Society for Microbiology]</i> Vol. 58, pp. 67-69 (1992)	
	CR	Woodle et al., "Versatility in lipid compositions showing prolonged circulation...", <i>Biochimica et Biophysica Acta</i> 1992, 1105:193-200	
	CS	Zhou et al., "Targeted delivery of DNA by liposomes and polymers", <i>J. of Controlled Release</i> , Vol. 19, pp. 269-274 (1992)	
	CT	Mathiowitz et al., "Polyanhydride Microspheres as Drug Carriers. II. Microencapsulation by Solvent Removal", <i>Journal of Applied Polymer Science</i> , Vol. 35, pp. 755-774 (1988)	
EXAMINER		DATE CONSIDERED 4/21/02	



Form PTO-1449 M Office of the Director List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. UNGR-1598	Serial No. 09/699,679
		Applicant UNGER et al.	
		Filing Date October 30, 2000	Group Unknown 1617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
MAW	CU	Sankaram et al., "Cholesterol-Induced Fluid-Phase Immiscibility in Membranes", <i>Proc. Natl. Acad. Sci.</i> , Vol. 88, pp. 8686-8690 (1991)	
MAW	CV	<i>Scientific Apparatus Catalog 92/93</i> (VWR Scientific, 1991), "Syringes", pp. 1511-1513; "Filtration, Syringe Filters", pp. 766-768; "Filtration, Membranes", pp. 750-753; "Filtration, Filter Holders", p. 744	
MAW	CW	Gramiak et al., "Detection of Intracardiac Blood Flow by Pulsed Echo-Ranging", <i>Radiology</i> , Vol. 100, pp. 415-418 (1971)	
MAW	CX	Feigenbaum et al., <i>Circulation</i> , "Identification of Ultrasound Echoes from the Left Ventricle by Use of Intracardiac Injections of Indocyanine Green", Vol. XL1, pp. 615-621 (1970)	
MAW	CY	Santaella, et al., "Extended In Vivo Blood Circulation Time of Fluorinated Liposomes", <i>FEBS 13463</i> , Vol. 336, No. 3, pp. 481-484 (1993)	
MAW	CZ	Brown and Langer, <i>Annual Review Medicine</i> , 1988, 39:221-29, Annual Review, Inc., "Transdermal Delivery of Drugs", pp. 221-229	
MAW	DA	Moseley, et al., <i>Microbubbles: A Novel MR Susceptibility Contrast Agent</i> , abstract, 1991 Napa, California Meeting of the Society for Magnetic Resonance in Medicine	
MAW	DB	Ter-Pogossian, "Physical Principles and Instrumentation", <i>Computed Body Tomography</i> , Lee, et al., eds., Raven Press, New York, Chapter 1, pp. 1-7 (1988)	
MAW	DC	Aronberg, "Techniques", <i>Computed Body Tomography</i> , Lee, et al., eds., Raven Press, New York, Chapter 2, pp. 9-36 (1988)	
EXAMINER <i>Nicholas D. Williams</i>		DATE CONSIDERED 4/21/02	



Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. UNGR-1598	Serial No. 09/699,679
		Applicant UNGER et al.	
		Filing Date October 30, 2000	Group Unknown 1617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
msw	DD	Miller, <i>Ultrasonics</i> (September 1981), "Ultrasonic detection of resonant cavitation bubbles in a flow tube by their second-harmonic emissions," pp. 217-224	
msw	DE	Dittrich, "Cardiac Muscle Ischemia and Infarction", <i>The Second Annual International Symposium on Contrast Agents in Diagnostic Ultrasound</i> , Atlantic City, NJ (May 7, 1996) (abstract)	
msw	DF	Pantely, "Intravenous Contrast Echocardiography-Tissue Imaging & Quantification of Coronary Blood Flow", <i>The Second Annual International Symposium on Contrast Agents in Diagnostic Ultrasound</i> , Atlantic City, NJ (May 7, 1996) (abstract)	
msw	DG	Schutt et al., "Osmotically Stabilized Microbubble Sonographic Contrast Agents", <i>Acad. Radiol.</i> , Vol. 3, Suppl. 2, pp. S188-S190 (August 1996)	
msw	DH	Frézard, et al., "Permeability and stability in buffer and in human serum of fluorinated phospholipid-based liposomes", <i>Biochimica et Biophysica Acta</i> , 1192, pp. 61-70 (1994)	
msw	DI	Frézard, et al., "Fluorinated Phospholipid-Based Vesicles as Potential Drug Carriers: Encapsulation/Sustaining of Drugs and Stability in Human Serum", <i>Art, Cells, Blood Subs., and Immob. Biotech.</i> , 22(4), pp. 1403-1408 (1994)	
msw	DJ	Chang, "Semipermeable Aqueous Microcapsules", <i>Canadian J. Of Phys. And Pharm.</i> , 1966, Vol. 44, pp. 115-128 (1978)	
msw	DK	Chang, "Semipermeable Microcapsules", <i>Science</i> , 1964, 146, 524-525	
EXAMINER msw		DATE CONSIDERED 4/21/02	



Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. UNGR-1598	Serial No. 09/699,679
		Applicant UNGER et al.	
		Filing Date October 30, 2000	Group Unknown 1617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
msw	DL	Deasy, Microencapsulation and Related Drug Processes, Vol. 20, Chs. 9 and 10, pp. 195-239 (1983) (Marcel Dekker, Inc., NY)	
msw	DM	Yeung et al., "Preparation of Microencapsulated Liposomes", <i>J. Microencapsulation</i> , 1988, 5, 331-337	
msw	DN	Mattrey et al., <u>Gas Emulsions as Ultrasound Contrast Agents: Preliminary Results in Rabbits and Dogs</u> , <i>Investigative Radiology</i> , Vol. 29, June Supp. 2, pp. S139-S141, 1994	
msw	DO	Meltzer et al., <u>Transmission of Ultrasonic Contrast Through the Lungs</u> , <i>Ultrasound in Med. & Biol.</i> , Vol. 7, No. 4, 377-384, 1981	
msw	DP	PR Newswire, April 1, 1986	
msw	DQ	Swanson et al., "Enhancement Agents for Ultrasound: Fundamentals", <i>Pharmaceuticals In Medical Imaging</i> , Chapter 22, pp. 682-687 (1990)	
msw	DR	Ophir et al., "Contrast Agents in Diagnostic Ultrasound", <i>Ultrasound in Med. & Biol.</i> , Vol. 15, No. 4, pp. 319-333 (1989)	
msw	DS	Jacobs, "Intraocular gas measurement using A-scan ultrasound", <i>Current Eye Research</i> , Vol. 5, No. 8, pp. 575-578 (1986)	
msw	DT	Lincoff et al., "Intravitreal Expansion of Perfluorocarbon Bubbles", <i>Arch. Ophthalmol.</i> , Vol. 98, p. 1646, Sept. 1980	
EXAMINER <i>Michael A. Willis</i>		DATE CONSIDERED 4/21/02	



Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. UNGR-1598	Serial No. 09/699,679
		Applicant UNGER et al.	
		Filing Date October 30, 2000	Group Unknown 1617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
MAW	DU	Lincoff et al., "Intravitreal Longevity of Three Perfluorocarbon Gases", <i>Arch. Ophthalmol.</i> , Vol. 98, pp. 1610-1611, Sept. 1980	
MAW	DV	Lincoff et al., "The Perfluorocarbon Gases in the Treatment of Retinal Detachment", <i>Ophthalmology</i> , Vol. 90, No. 5, pp. 546-551, May 1983	
MAW	DW	Gardner et al., "A Survey of Intraocular Gas Use in North America", <i>Arch. Ophthalmol.</i> , Vol. 106, pp. 1188-1189, Sept. 1988	
MAW	DX	Unger et al., "Liposomal MR Contrast Agents", <i>J. Liposome Research</i> , 4(2), pp. 811-834 (1994)	
MAW	DY	Feinstein, Steven B., "Myocardial Perfusion Imaging: Contrast Echocardiography Today and Tomorrow," <i>Journal of the American College of Cardiology</i> , 8(1):251-253 (1986)	
MAW	DZ	Keller et al., "The Behavior of Sonicated Albumin Microbubbles Within the Microcirculation: A Basis for Their Use During Myocardial Contrast Echocardiography", <i>Circulation Res.</i> , Vol. 65, No. 2, pp. 458-467 (August 1989)	
MAW	EA	Lincoff et al., "Perfluoro-n-butane: A Gas for Maximum Duration Retinal Tamponade," <i>Arch Ophthalmology</i> , 101:460-462 (1983)	
MAW	EB	<i>Remington's Pharmaceutical Sciences</i> , John Hoover, managing ed., Mack Publishing Company, Easton, PA, pp. 295-298; 736; 1242-1244 (1975)	
MAW	EC	<i>Handbook of Pharmaceutical Excipients</i> , American Pharmaceutical Association, Washington, D.C. and The Pharmaceutical Society of Great Britain, London, England, pp. 181-183 (1986)	
MAW	ED	Barnhart et al., "Characteristics of ALBUNEX™: Air-Filled Microspheres for Echocardiography Contrast Enhancement," <i>Investigative Radiology</i> , 25:S162-164 (Sept. 1990)	
MAW	EE	Levene et al., "Characterization of ALBUNEX™," <i>J. Acoust. Soc. Am.</i> , 87 (Suppl. 1):569-70 (Spring 1990)	
EXAMINER Mike D. Willis		DATE CONSIDERED 4/21/02	



Form PTO-1449 Modified		Docket No. UNGR-1598	Serial No. 09/699,679
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant UNGER et al.	
		Filing Date October 30, 2000	Group Unknown 1617
U.S. Department of Commerce			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
MAW	EF	Miller et al., "Physiochemical Approaches to the Mode of Action of General Anesthetics," <i>J. Amer. Soc. Anesthesiologists</i> , 36(4):339-351 (1972)	
MAW	EG	"Properties and Applications of the 'Freon' Fluorocarbons" in DuPont Freon Technical Bulletin B-2 (E.I. DuPont de Nemours and Company, Wilmington, DE), pp. 1-11 (1964)	
MAW	EH	"Freon' Fluorocarbons: Properties and Applications" in DuPont Technical Bulletin G-1 (E.I. DuPont de Nemours and Company, Wilmington, DE), pp. 1-10 (1987)	
MAW	EI	"Encyclopedia of Polymer Science and Engineering," John Wiley & Sons, New York, 1:164-169 (1985)	
MAW	EJ	"Concise Encyclopedia of Polymer Science and Engineering," J. Kroschwitz, ed., John Wiley & Sons, New York, pp. 12-13 (1990)	
MAW	EK	Wheatley et al., "Contrast Agents for Diagnostic Ultrasound: Development and Evaluation of Polymer-Coated Microbubbles," <i>Biomaterials</i> , 11:713-717 (1990)	
MAW	EL	Villanueva et al., "Characterization of Spatial Patterns of Flow Within the Reperfused Myocardium by Myocardial Contrast Echocardiography", <i>Circulation</i> , Vol. 88, No. 6, pp. 2596-2606 (December 1993)	
MAW	EM	Desir et al., "Assessment of regional myocardial perfusion with myocardial contrast echocardiography in a canine model of varying degrees of coronary stenosis", <i>American Heart Journal</i> , Vol. 127, No. 1, pp. 56-63 (January 1994)	
MAW	EN	Sekins et al., "Lung Cancer Hyperthermia via Ultrasound and PFC Liquids", <i>Published in Proceedings of 5th International Symposium on Hyperthermic Oncology, Kyoto, Japan</i> , (3 pages) (August 29-September 3, 1998)	
MAW	EO	Pietersen, "A New Warning System for Fires of Electrical Origin", <i>CERN European Organization for Nuclear Research, Health and Safety Division</i> , pp. 1-5 (March 1977)	
EXAMINER		Michael A. Willis	DATE CONSIDERED 4/21/02



Form PTO-1449 M dated List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. UNGR-1598	Serial No. 09/699,679
		Applicant UNGER et al.	
		Filing Date October 30, 2000	Group Unknown 1617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
msw	EP	Nomura et al., "US Contrast Enhancement of Hepatic Tumor with Helium Gas Microbubbles: A Preliminary Report", <i>Jpn. J. Med. Ultrasonics</i> , Vol. 18, No. 5 (1991) (Japanese with English language abstract)	
msw	EQ	Lindner et al., "Myocardial Perfusion Characteristics and Hemodynamic Profile of MRX-115, a Venous Echocardiographic Contrast Agent, During Acute Myocardial Infarction," <i>J. Am. Soc. of Echocardiography</i> , Vol. 11, No. 1, pp. 36-46 (January 1998)	
msw	ER	Regen et al., "Polymerized Phosphatidylcholine Vesicles. Synthesis and Characterization," <i>J. Am. Chem. Soc.</i> , Vol. 104, No. 3, pp. 191-195 (1982)	
msw	ES	Wei et al., "Quantification of Myocardial Blood Flow With Ultrasound-Induced Destruction of Microbubbles Administered as a Constant Venous Infusion," <i>Circulation</i> , Vol. 97, pp. 473-483 (1998)	
msw	ET	Hynynen et al., "The Usefulness of a Contrast Agent and Gradient-Recalled Acquisition in a Steady-State Imaging Sequence for Magnetic Resonance Imaging-Guided Noninvasive Ultrasound Surgery," <i>Investigative Radiology</i> , Vol. 29, pp. 897-903 (Oct. 1994)	
msw	EU	Lejbkowitz et al., "The response of normal and malignant cells to ultrasound in vitro." Database <i>BIOSIS</i> , No. 1993:95122245 (abstract only), date 1993.	
msw	EV	Jackson et al., "Effect of ultrasound therapy on the repair of Achilles tendon injuries in rats." <i>Medicine And Science In Sports And Exercise</i> , Vol. 23, No. 2, pp. 171-176, 1991	
msw	EW	Maxwell, "Therapeutic Ultrasound: Its Effects on the Cellular and Molecular Mechanisms of Inflammation and Repair." <i>Physiotherapy</i> , Vol. 78, No. 6, pp. 421-426, June 1992	
msw	EX	Tuncay et al., "Expression of Genes Associated with Tissue Remodeling Upon Ultrasound Perturbation in the Gingival Fibroblast." <i>Journal of Dental Research</i> , Vol. 75, p. 143, 1996 (abstract only)	
msw	EY	Wang et al., "Low Intensity Ultrasound Treatment Increases Strength in a Rat Femoral Fracture Model." <i>Journal of Orthopaedic Research</i> , Vol. 12, No. 1, pp. 40-47, 1994	
EXAMINER		DATE CONSIDERED 4/2/02	



Form PTO-1449 Modified		Docket No. UNGR-1598	Serial No. 09/699,679
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant UNGER et al.	
U.S. Department of Commerce		Filing Date October 30, 2000	Group Unknown 1617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
msw	EZ	Yang et al., "Exposure to Low-Intensity Ultrasound Increases Aggrecan Gene Expression in a Rat Femur Fracture Model." <i>Journal of Orthopaedic Research</i> , Vol. 14, No. 5, pp. 802-809, 1996	
msw	FA	Young et al., "Effect of therapeutic ultrasound on the healing of full-thickness excised skin lesions." <i>Ultrasonics</i> , Vol. 28, No. 3, pp. 175-180, 1990	
msw	FB	Young et al., "The Effect of Therapeutic Ultrasound On Angiogenesis." <i>Ultrasound in Medicine and Biology</i> , Vol. 16, No. 3, pp. 261-269, 1990	
msw	FC	Chortkoff et al., "Pharmacokinetics Do Not Explain the Absence of an Anesthetic Effect of Perfluoropropane or Perfluoropentane." <i>Anesth. Analg.</i> , 79, pp. 234-237, 1994	
msw	FD	Sharma et al., "Emulsification Methods For Perfluorochemicals." <i>Drug Development And Industrial Pharmacy</i> , 14 (15-17), pp. 2371-2376 (1988)	
msw	FE	Tilcock et al., "PEG-coated Lipid Vesicles with Encapsulated Technetium-99m as Blood Pool Agents for Nuclear Medicine." <i>2211b Nuclear Medicine and Biology</i> , 21, No. 2, pp. 165-170, 1994	
msw	FF	Tilcock et al., " ^{99m} Tc-labeling of Lipid Vesicles Containing the Lipophilic Chelator PEG-DTTA: Effect of Tin-to-chelate Ratio, Chelate Content and Surface Polymer on Labeling Efficiency and Biodistribution Behavior." <i>2211b Nuclear Medicine and Biology</i> , 21, No. 1, pp. 89-96, 1994	
msw	FG	Zarif et al., "Synergistic Stabilization of Perfluorocarbon-Pluronic F-68 Emulsion by Perfluoroalkylated Polyhydroxylated Surfactants." <i>JAOCs</i> , Vol. 66, No. 10, pp. 1515-1523, 1989	
msw	FH	Ding et al., <i>Chung Kuo Yao Li Hsueh Pao</i> , 1989 Sep.; 10(5):473-5 (Abstract only)	
msw	FI	Ring et al., <i>Clinical Weekly</i> , 52, pp.595-598 (1974) (German language only)	
msw	FJ	P.N.T. Wells, "Pulse-Echo Methods", <i>Biomedical Ultrasonics</i> , Academic Press, pp. 209-220 (1977)	
EXAMINER		Michael D. Wellie	DATE CONSIDERED 4/2/02



Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Docket No. UNGR-1598	Serial No. 09/699,679
U.S. Department of Commerce Patent and Trademark Office		Applicant UNGER et al.	
		Filing Date October 30, 2000	Group Unknown 1617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
MAW	FK	Robinson, et al., F.J. Fry, ed., <i>Ultrasound: Its Applications In Medicine And Biology</i> , Elsevier Scientific Publishing Company, Vol. 3, Chap. XI, pp. 593-596 (1978)	
MAW	FL	Silbernagl, Despopoulos, <i>Pocket Atlas of Physiology</i> , Georg Thieme Verlag, Stuttgart New York, pp. 156-157 (1983) (German language only)	
MAW	FM	H. Meessen, ed., <i>Microcirculation</i> , Springer-Verlag, Berlin Heidelberg, New York, p. 44 (1997) (German language only)	
MAW	FN	Kinsler, et al., <i>Fundamentals of Acoustics</i> , third ed., pp. 228-331 (1982)	
MAW	FO	Hautanen, et al., "Effects of Modifications of the RGD Sequence and Its Context on Recognition by the Fibronectin Receptor*", <i>The Journal of Biological Chemistry</i> , Vol. 264, No. 3, pp. 1437-1442, January 25, 1999	
MAW	FP	Takeuchi et al., "Enhanced Visualization of Intravascular Thrombus with the Use of a Thrombus Targeting Ultrasound Contrast Agent (MRX408): Evidence From In Vivo Experimental Echocardiographic Studies", <i>The Journal of the American College of Cardiology</i> , Vol. 31, No. 2, Suppl. A, p. 57A, Abstract XP-000952675, February 1998 and 47 th Annual Scientific Session of American College of Cardiology, Atlanta, GA, 3/29/98-4/1/98	
MAW	FQ	Unger, et al., "In Vitro Studies of a New Thrombus-Specific Ultrasound Contrast Agent", <i>American Journal of Cardiology</i> , Vol. 81, No. 12, Suppl. A, pp. 58G-61G, XP-002087505, June 12, 1998 and Symposium: Ninth International Congress on Echocardiography: Clinical Cardiology, 1997	
MAW	FR	Wu, et al., "Binding and Lysing of Blood clots Using MRX-408", <i>Investigative Radiology</i> , Vol. 33, No. 12, pp. 880-885, XP-000952676, December 1998	
MAW	FS	Allcock and Austin, "Schiff Base Coupling of Cyclic and High-Polymeric Phosphazenes to Aldehydes and Amines: Chemotherapeutic Models", <i>Macromolecules</i> , Vol. 14, p. 1616, 1981	
MAW	FT	Allcock, et al., "Covalent Linkage of Proteins to Surface-Modified Poly(organophosphazenes): Immobilization of Glucose-6-Phosphate Dehydrogenase and Trypsin", <i>Macromolecules</i> , Vol. 19, pp. 1502-1508, 1986	
EXAMINER		Michael D. Liller	DATE CONSIDERED 2/2/02



Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. UNGR-1598	Serial No. 09/699,679
		Applicant UNGER et al.	
		Filing Date October 30, 2000	Group Unknown 1617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
MAW	FU	Bloembergen, N., "Proton Relaxation Times in Paramagnetic Solutions", <i>J. Chem. Phys.</i> , Vol. 27, No. 2, pp. 572-595, (1957)	
MAW	FV	Canfield, et al., "Incorporation of β -Carotene into Mixed Micelles", <i>Methods in Enzymology</i> , Vol. 189, pp. 415-422, (1990)	
*	FW	Catalysis in Micellar and Macromolecular Systems, Fendler and Fendler, Academic Press, NY (1975)	
*	FX	Colloidal Surfactant, Shinoda, K., Nakagana, Tamamushi and Isejura, Academic Press, NY (1963) (especially "The Formation of Micelles", Shinoda, Chapter I, pp. 1-88)	
MAW	FY	"Concise Encyclopedia of Biochemistry", Second Edition, Walter de Gruyter & Co., pp. 282-283, 1988	
MAW	FZ	DeJager et al., "Current Status of Cancer Immunodetection with Radiolabeled Human Monoclonal Antibodies", <i>Semin. Nucl. Med.</i> , Vol. 23, No. 2, pp. 165-79 (1993)	
MAW	GA	El-Gorab, et al., "Solubilization of β -Carotene and Retinol into Aqueous Solutions of Mixed Micelles", <i>Biochem. Biophys. Acta</i> , Vol. 306, pp. 58-66 (1973)	
MAW	GB	Gioanni, J. et al., "Characterization of a New Surface Epitope Specific for Human Epithelial Cells Defined by a Monoclonal Antibody and Application to Tumor Diagnosis", <i>Cancer Research</i> , Vol. 47, pp. 4417-4424 (1987)	
*	GC	Greene, L.W. and Wuts, P.G.M., "Protective Groups in Organic Synthesis", John Wiley, New York, 2nd Edition, 1991	
MAW	GD	Kawabata, K. et al., "Effect of Second-harmonic Superimposition on Efficient Induction of Sonochemical Effect", <i>Ultrasonics Sonochemistry</i> , Vol. 3, pp. 1-5, 1996	
*	GE	Kean, D.M. and Smith, M.A., "Magnetic Resonance Imaging: Principles and Applications", William and Wilkins, Baltimore 1986	
MAW	GF	Kohler and Milstein, "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity", <i>Nature</i> , pp. 256-495, 1975	
EXAMINER <i>Michael D. Wells</i>		DATE CONSIDERED 4/5/02	

*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.



Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Docket No. UNGR-1598	Serial No. 09/699,679
U.S. Department of Commerce Patent and Trademark Office		Applicant UNGER et al.	Filing Date October 30, 2000
		Group Unknown	1617
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
MAW	GG	Kornmesser, et al., "Gastrointestinal Contrast Enhancement in MRI: First Clinical Experience with Gadolinium-DTPA", <i>Magnetic Resonance Imaging</i> , Vol. 6, Supplement 1, Page 124 (1988)	
MAW	GH	Liposome Technology, Gregoriadis, G., ed., Vol. 1, pp. 29-31, 51-67 and 79-108, CRC Press Inc., Boca Raton, Fl. 1984	
MAW	GI	Lundblad, R.L., "The Chemical Cross-Linking of Peptide Chains", <i>Techniques in Protein Modification</i> , CRC Press, Inc., Ann Arbor, MI, pp. 249-68 (1995)	
	GJ	Matheson Gas Data Book, Matheson Company Inc., 1966	
MAW	GK	Merimsky et al., "Antigens and Antibodies in Malignant Melanoma", <i>Tumor Biol.</i> , Vol. 15, pp. 188-202 (1994)	
MAW	GL	Mousa, et al., "Intravenous Antiplatelet Efficacy and Safety of the Platelet GPIIb/IIIa Antagonist, DMP 728 in Anesthetized Dogs", <i>Thrombosis Research</i> , Vol. 76, No. 2, pp. 109-119 (1994)	
MAW	GM	Nicol et al., "Immunoscintigraphy of Malignant Melanomas", <i>Pathol. Biol.</i> , Vol. 38, No. 8, pp. 866-869, (1990) (English language summary)	
MAW	GN	Shahinian and Salvias, "A Novel Strategy Affords High-yield Coupling of Antibody Fab' Fragments to Liposomes", <i>Biochimica et Biophysica Acta</i> , Vol. 1239, pp. 157-167, 1995	
MAW	GO	Solomon, I., "Relaxation Processes in a System of Two Spins", <i>Phys. Rev.</i> , Vol. 99, p. 559 (1955)	
MAW	GP	Sutherland, et al., "Color Doppler Myocardial Imaging: A New Technique for the Assessment of Myocardial Function", <i>Journal of the American Society of Echocardiography</i> , Vol. 7, pp. 441-458, 1994	
EXAMINER Michael D. Williams		DATE CONSIDERED 4/21/02	

*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.



Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. ONGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown <i>6617</i>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>MKW</i>	GQ	Tagliaferri, et al., "Pharmacological Modulation of Peptide Growth Factor Receptor Expression on Tumor Cells as a Basis for Cancer Therapy", <i>Anticancer Drugs</i> , Vol. 5, No. 4, pp. 379-93, (1994)
<i>MKW</i>	GR	<i>The Merck Index</i> , 10 th Ed., p. 489 (1983)
<i>MKW</i>	GS	Thorpe, P.E. and Burrows F. J., "Antibody-directed Targeting of the Vasculature of Solid Tumors", <i>Breast Cancer Research and Treatment</i> , Vol. 36, pp. 237-251, 1995
<i>MKW</i>	GT	Tsuji, et al., "Identification of Two Different Surface Epitopes of Human Ovarian Epithelial Carcinomas by Monoclonal Antibodies", <i>Cancer Research</i> , Vol. 45, pp. 2358-2362, (1985)
<i>MKW</i>	GU	Uhlendorf, "Physics of Ultrasound Contrast Imaging: Scattering in the Linear Range", <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , Vol. 14, No. 1, pp. 70-79, (1994)
<i>MKW</i>	GV	van Boeckel, C.A.A. and van Boom, J.H., "Synthesis of Phosphatidyl- α -Glucosyl Glucosyl Glycerol Containing a Dioleoyl Phosphatidyl Moiety. Application of the Tetraisopropylidisiloxane-1, 3-Diyl (TIPS) Protecting Group in Sugar Chemistry. Part III", <i>Tetrahedron</i> , Vol. 41, No. 20, p. 4545-4555, (1985)
<i>MKW</i>	GW	Wu, Tzyy-Chouu, "Immunology of the Human Papilloma Virus in Relation to Cancer", <i>Curr. Opin. Immunol.</i> , Vol. 6, No. 5, pp. 746-54 (1994)
<i>MKW</i>	GX	Xueyong et al., "Use of MG Series Monoclonal Antibodies in the Diagnosis and Experimental Targeting Therapy of Gastric Cancer", <i>Chin. Med. Sci. J.</i> , Vol. 6, No. 1, pp. 56-59 (1991)
EXAMINER <i>Michael A. Waller</i>		DATE CONSIDERED <i>4/21/02</i>



Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MSW	AA	4,276,885	07/07/81	Tickner et al.	128	660
MSW	AB	4,344,929	08/17/82	Bonsen et al.	424	15
MSW	AC	4,466,442	08/21/84	Hilman et al.	128	653
MSW	AD	4,533,254	08/06/85	Cook et al.	366	176
MSW	AE	4,572,203	02/25/86	Feinstein	128	661
MSW	AF	4,603,044	07/29/86	Geho et al.	424	9
MSW	AG	4,675,310	06/23/87	Chapman et al.	514	6
MSW	AH	4,718,433	01/12/88	Feinstein	128	660
MSW	AI	4,728,575	03/01/88	Gamble et al.	428	402.2
MSW	AJ	4,728,578	03/01/88	Higgins et al.	428	462

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
MSW	AK	WO 85/01161	03/14/85	PCT	x	
MSW	AL	2193095A	02/03/88	Great Britain	x	
MSW	AM	0 361 894	04/04/90	EPA	x	
MSW	AN	WO 86/01103	02/27/86	PCT	x	
MSW	AO	0 272 091	06/22/88	EPO	x	

EXAMINER Michael D. Willis	DATE CONSIDERED 4/2/02
--------------------------------------	----------------------------------



Sheet 21 of 42

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	AP	4,737,323	04/12/88	Martin et al.	274	4.3
MAW	AQ	4,774,958	10/04/88	Feinstein	128	660.01
MAW	AR	4,863,717	09/05/89	Keana	424	9
MAW	AS	4,844,882	07/04/89	Widder et al.	424	9
MAW	AT	4,192,859	03/11/80	Mackaness et al.	424	5
MAW	AU	4,921,706	05/01/90	Roberts et al.	424	450
MAW	AV	4,790,891	12/13/88	Halliday et al.	149	2
MAW	AW	4,162,282	07/24/79	Fulwyler et al.	274	9
MAW	AX	4,938,947	07/03/90	Nicolau et al.	424	1.1
MAW	AY	4,900,540	02/13/90	Ryan et al.	424	9

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
MAW	AZ	WO 91/00086	01/10/91	PCT (France)	X (abstract)	
MAW	BA	WO 91/15244	10/17/91	PCT	x	
MAW	BB	0 338 971	10/25/89	EPO (Germany)	X (abstract)	
MAW	BC	0 107 559	05/02/84	EPO (France)	X (abstract)	
MAW	BD	WQ 82/01642	05/27/82	PCT	x	

EXAMINER Michael A. Wilcox	DATE CONSIDERED 4/2/02
--------------------------------------	----------------------------------



Sheet 22 f 42

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclasses
MAW	BE	4,544,545	10/01/85	Ryan et al.	424	1.1
MAW	BF	4,331,654	05/25/82	Morris	424	38
MAW	BG	3,532,500	10/06/70	Priest et al.	96	91
MAW	BH	4,310,506	01/12/82	Baldeschwieler et al.	424	1
MAW	BI	4,310,505	01/12/82	Baldeschwieler et al.	424	1
MAW	BJ	4,586,512	05/06/86	Do-huu et al.	128	660
MAW	BK	4,620,546	11/04/86	Aida et al.	128	660
WAW	BL	4,658,828	04/21/87	Dory	128	660
MAW	BM	4,865,836	09/12/89	Long, Jr.	424	5
MAW	BN	4,646,756	03/03/87	Watmough et al.	128	804

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
MAW	BO	WO 89/05040	06/01/89	PCT	x	
MAW	BP	WO 86/00238	01/16/86	PCT	x	
MAW	BQ	WO 90/04943	05/17/90	PCT	x	
MAW	BR	WO 80/02365	11/13/80	PCT	x	
MAW	BS	WO 93/05819	01/04/93	PCT	x	
EXAMINER	MAW/AWili			DATE CONSIDERED	4/21/02	



Sheet 23 of 42

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	BT	4,893,624	01/16/90	Lele	128	399
MAW	BU	4,689,986	09/01/87	Carson et al.	73	19
MAW	BV	4,657,756	04/14/87	Rasor et al.	424	9
MAW	BW	4,781,871	11/01/88	West III et al.	274	4.3
MAW	BX	4,957,656	09/18/90	Cerny et al.	252	311
MAW	BY	4,830,858	05/16/89	Payne et al.	424	450
MAW	BZ	4,684,479	08/04/87	D'Arrigo	252	307
MAW	CA	5,215,680	06/01/93	D'Arrigo	252	307
MAW	CB	5,171,755	12/15/92	Kaufman	514	759
MAW	CC	4,898,734	02/06/90	Mathiowitz et al	424	427

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
MAW	CD	WO 93/06869	04/15/93	PCT	x	
MAW	CE	WO 93/20802	10/28/93	PCT	x	
MAW	CF	SHO 63-60943	03/17/88	Japan	x	
MAW	CG	0 554 213 A1	08/04/93	EPO	x	
MAW	CH	0 314 764 B1	09/09/92	EPO	x	

EXAMINER	Michael D. Miller	DATE CONSIDERE	4/2/02
----------	-------------------	----------------	--------



Sheet 24 of 42

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	CI	4,776,991	10/11/88	Farmer et al.	274	4.3
MAW	CJ	5,088,499	02/18/92	Unger	128	662.2
MAW	CK	5,194,266	03/16/93	Abra et al.	424	450
MAW	CL	5,198,225	03/30/93	Meybeck et al.	424	450
MAW	CM	4,927,623	05/22/90	Long, Jr.	424	5
MAW	CN	4,442,843	04/17/84	Rasor et al.	128	660
MAW	CO	4,681,119	07/21/87	Rasor et al.	128	660
MAW	CP	5,049,388	09/17/91	Knight et al.	424	450
MAW	CQ	4,315,514	02/16/82	Drewes et al.	128	653
MAW	CR	4,569,836	02/11/86	Gordon	424	1.1

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
MAW	CS	0 458 745 A1	11/27/91	EPO	x	
MAW	CT	0 216 730	01/23/91	EPO	x	
MAW	CU	WO 93/13809	07/22/93	PCT	x	
MAW	CV	WO 92/10166	06/25/92	PCT	x	
MAW	CW	0 324 938	01/26/89	EPO	x	

EXAMINER

DATE CONSIDERED



Sheet 25 of 42

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	CX	4,426,330	01/17/84	Sears	270	403
MAW	CY	4,534,899	08/13/85	Sears	270	403
MAW	CZ	5,271,928	12/21/93	Schneider et al.	424	9
MAW	DA	4,229,360	10/21/80	Schneider et al.	270	403
MAW	DB	B1 4,229,360	11/05/91	Schneider et al.	270	403
MAW	DC	4,089,801	05/16/78	Schneider	252	316
MAW	DD	4,224,179	09/23/80	Schneider	252	316
MAW	DE	4,987,154	01/22/91	Long, Jr.	514	772
MAW	DF	5,219,538	06/15/93	Henderson et al.	428	402.2
MAW	DG	5,316,771	05/31/94	Barenholz et al.	424	450

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
MAW	DH	0 231 091	08/05/87	EPO	x	
MAW	DI	WO 92/17212	10/15/92	PCT	x	
MAW	DJ	WO 92/17213	10/15/92	PCT	x	
MAW	DK	WO 92/17436	10/15/92	PCT	x	
MAW	DL	WO 92/21382	12/10/92	PCT	x	

EXAMINER <i>Michael Phillips</i>	DATE CONSIDERED <i>4/2/02</i>
---	--------------------------------------



Sheet 26 of 42

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	DM	5,195,520	03/23/93	Schlieff et al.	128	660.02
MAW	DN	3,873,564	03/25/75	Schneider et al.	270	309.6
MAW	DO	5,045,304	09/03/91	Schneider et al.	424	9
MAW	DP	4,877,561	10/31/89	Iga et al.	274	4.3
MAW	DQ	5,213,804	05/25/93	Martin et al.	424	450
MAW	DR	4,895,719	01/23/90	Radhakrishnan	424	45
MAW	DS	5,008,050	04/16/91	Cullis et al.	274	4.3
MAW	DT	5,114,703	05/19/92	Wolf et al.	424	5
MAW	DU	5,013,556	05/07/91	Woodle et al.	424	450
MAW	DV	5,000,960	03/19/91	Wallach	424	450

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
MAW	DW	WO 93/17718	09/16/93	PCT	x	
MAW	DX	WO 94/16739	08/04/94	PCT	x	
MAW	DY	WO 95/07072	03/16/95	PCT	Partial - claims only	
MAW	DZ	EP 0 077 752 B1	03/05/86	EP	Partial - claims only	
MAW	EA	WO 90/04384	05/03/90	PCT	x	

EXAMINER Michael D. Willis	DATE CONSIDERED 4/21/02
--------------------------------------	-----------------------------------



Sheet 27 of 42

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGR et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	EB	5,310,540	05/10/94	Giddey et al.	424	9
MAW	EC	5,425,366	06/20/95	Reinhardt et al.	128	662.02
MAW	ED	4,775,522	10/04/88	Clark, Jr.	424	9
MAW	EE	4,731,239	03/15/88	Gordon	424	9
MAW	EF	5,350,571	09/27/94	Kaufman et al.	424	9
MAW	EG	4,615,879	10/07/86	Runge et al.	424	9
MAW	EH	5,380,519	01/10/95	Schneider et al.	424	9
MAW	EI	5,393,524	02/28/95	Quay	424	9
MAW	EJ	5,196,183	03/23/93	Yudelson et al.	424	9
MAW	EK	4,996,041	02/27/91	Arai et al.	424	9

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
MAW	EL	WO 94/09829	05/11/94	PCT	x	
MAW	EM	WO 94/21302	09/29/94	PCT	x	
MAW	EN	WO 91/12823	09/05/91	PCT	x	
MAW	EO	0 357 164 B1	10/23/91	EPO	Partial - claims only	
MAW	EP	0 320 433 A2	06/14/89	EPO	Abstract only	

EXAMINER Michael D. Wells	DATE CONSIDERED 4/12/02
----------------------------------	--------------------------------



Sheet 28 of 42

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
msw	EQ	5,147,631	09/15/92	Glajch et al.	424	9
msw	ER	5,186,922	02/16/93	Shell et al.	128	654
msw	ES	4,428,924	01/31/84	Millington	424	4
msw	ET	5,413,774	05/09/95	Schneider et al.	424	9.51
msw	EU	5,409,688	04/25/95	Quay	424	9
msw	EV	5,410,516	04/25/95	Uhlendorf et al.	367	7
msw	EW	5,305,757	04/26/94	Unger et al.	128	662.02
msw	EX	5,334,381	08/02/94	Unger	424	9
msw	EY	5,123,414	06/23/92	Unger	128	654
msw	EZ	5,433,204	07/18/95	Olson	128	661.08

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
msw	FA	0 467 031 A2	01/22/92	EPO	x	
msw	FB	0 243 947	11/04/87	EPO		
msw	FC	WO 96/04018	02/15/96	PCT	x	
msw	FD	WO 96/09793	04/04/96	PCT	x	
msw	FE	WO 95/06518	03/09/95	PCT	x	
EXAMINER msw			DATE CONSIDERED 4/2/02			



Sheet 29 of 42

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGR et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	FF	5,445,813	08/29/95	Schneider et al.	424	9.51
MAW	FG	5,141,738	08/25/92	Rasor et al.	424	2
MAW	FH	4,981,692	01/01/91	Popescu et al.	424	422
MAW	FI	5,149,319	09/22/92	Unger	604	22
MAW	FJ	5,209,720	05/11/93	Unger	604	22
MAW	FK	5,228,446	07/20/93	Unger et al.	128	662.02
MAW	FL	5,230,882	07/27/93	Unger	424	9
MAW	FM	5,352,435	10/04/94	Unger	424	9
MAW	FN	5,190,982	03/02/93	Erbel et al.	521	56
MAW	FO	5,137,928	08/11/92	Erbel et al.	521	56

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
MAW	FP	EP 441,468 A2	08/14/91	EPO	x	
MAW	FQ	EP 357,163 A1	03/07/90	EPO	x	
MAW	FR	EP 0 727 225 A2	08/21/96	EPO	x	
MAW	FS	WO 94/06477	03/31/94	PCT	x	
MAW	FT	WO 95/23615	09/08/95	PCT	x	

EXAMINER Michael Wills	DATE CONSIDERED 4/21/02
----------------------------------	-----------------------------------



Sheet 30 of 42

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	FU	5,205,287	04/27/93	Erbel et al.	128	632
MAW	FV	5,470,582	11/28/95	Supersaxo et al.	424	489
MAW	FW	5,529,766	06/25/96	Klaveness et al.	424	9.52
MAW	FX	5,487,390	01/30/96	Cohen et al.	128	662.02
MAW	FY	5,531,980	07/02/96	Schneider et al.	424	9.52
MAW	FZ	5,536,489	07/16/96	Lohrmann et al.	424	9.52
MAW	GA	5,536,490	07/16/96	Klaveness et al.	424	9.52
MAW	GB	5,315,997	05/31/94	Widder et al.	128	653.3
MAW	GC	5,469,854	11/28/95	Unger et al.	128	662.02
MAW	GD	5,505,932	04/09/96	Grinstaff et al.	424	9.3

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
MAW	GE	62 286534	12/12/87	Japan	X (Abstract Only)	
MAW	GF	1,044,680	10/05/66	Great Britain	x	
MAW	GG	WO 96/36286	11/21/96	PCT	x	
MAW	GH	WO 92/11873	07/23/92	PCT	X (Abstract Only)	
MAW	GI	WO 90/01952	03/08/90	PCT	X (Abstract Only)	
EXAMINER Michael D. Wells			DATE CONSIDERED 4/21/02			



Form PTO-1449 Model A List of Patent and Publications Cited by Applicant U.S. Department of Commerce Patent and Trademark Office	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

		Document No.	Date	Name	Class	Subclass
MAW	GJ	5,540,909	07/30/96	Schutt	424	9.52
MAW	GK	5,496,535	03/05/96	Kirkland	424	9.37
MAW	GL	5,344,930	09/06/94	Riess et al.	544	84
MAW	GM	5,560,364	10/01/96	Porter	128	662.02
MAW	GN	5,562,893	10/08/96	Lohrmann	424	9.52
MAW	GO	5,567,413	10/22/96	Klaveness et al.	424	9.51
MAW	GP	5,567,414	10/22/96	Schneider et al.	424	9.52
MAW	GQ	5,567,765	10/22/96	Moore et al.	524	801
MAW	GR	5,552,133	09/03/96	Lambert et al.	424	9.52
MAW	GS	5,562,893	10/08/96	Lohrmann	424	9.52

		Document No.	Date	Country	Translation	
					YES	NO
MAW	GT	AU-B-30351/89	03/18/93	Australia	x	
MAW	GU	WO 93/00933	01/21/93	PCT	x	
MAW	GV	WO 94/28780	12/22/94	PCT	x	
MAW	GW	AU 641363	03/08/90	Australia	x	
MAW	GX	WO 92/17514	10/15/92	PCT	x	
Michael D. Wilco				DATE CONSIDERED	4/21/02	



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant U.S. Department of Commerce Patent and Trademark Office	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGR et al.	
	Filing Date October 30, 2000	Group UNGR-1598 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MSW	GY	3,015,128	01/02/62	Sommerville et al.	18	2.6
MSW	GZ	3,594,326	07/20/71	Himmel et al.	252	316
MSW	HA	3,732,172	05/08/73	Herbig et al.	252	316
MSW	HB	3,945,956	03/23/76	Garner	270	2.5B
MSW	HC	4,108,806	08/22/78	Cohrs et al.	521	54
MSW	HD	4,179,546	12/18/79	Garner et al.	521	56
MSW	HE	4,420,442	12/13/83	Sands	274	13
MSW	HF	4,421,562	12/20/83	Sands et al.	106	75
MSW	HG	4,540,629	09/10/85	Sands et al.	428	402
MSW	HH	4,549,892	10/29/85	Baker et al.	65	21.4

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO	
MSW	HI	WO 94/07539	04/14/94	PCT	X (abstract only)	
MSW	HJ	EP 0 586 875	03/16/94	EPO	X (abstract only)	
MSW	HK	25 21 003	08/12/76	Germany	X (both German and English language)	
MSW	HL	2 700 952	08/05/94	France	X (both French and English language)	
MSW	HM	0 614 656 A1	09/14/94	EPO	X (both French and English language)	

EXAMINER Michael P. Wells	DATE CONSIDERED 4/2/02
-------------------------------------	----------------------------------



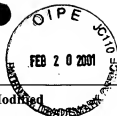
Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	HN	5,019,370	05/28/91	Jay et al.	424	4
MAW	HO	5,205,290	04/27/93	Unger	128	653.4
MAW	HP	4,822,534	04/18/89	Lencki et al.	274	4.3
MAW	HQ	3,293,114	12/20/66	Kenaga et al.	162	168
MAW	HR	3,479,811	11/25/69	Walters	57	153
MAW	HS	3,488,714	01/06/70	Walters et al.	161	161
MAW	HT	3,615,972	10/26/71	Morehouse et al.	156	79
MAW	HU	5,078,994	01/07/92	Nair et al.	424	501
MAW	HV	4,138,383	02/06/79	Rembaum et al.	270	29.7H
MAW	HW	4,789,501	12/06/88	Day et al.	252	645
MAW	HX	3,960,583	06/01/76	Netting et al.	106	122

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
MAW	HY	WO 92/22298	12/23/92	PCT	x	
MAW	HZ	WO 94/00110	01/06/94	PCT	x abstract only	
MAW	IA	WO 94/28873	12/22/94	PCT	x	
MAW	IB	WO 98/00172	01/08/98	PCT	x	
MAW	IC	WO 84/02909	08/02/84	PCT	x	
EXAMINER Michael D. Wallis				DATE CONSIDERED 4/21/02		



Form PTO-1449 Modified				Docket No. UNGR-1598	Serial No. 09/699,679	
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)				Applicant UNGR et al.		
				Filing Date October 30, 2000	Group Unknown 1617	
U.S. Department of Commerce Patent and Trademark Office						
U. S. PATENT DOCUMENTS						
Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	ID	5,362,478	11/08/94	Desai et al.	424	9
MAW	IE	5,281,408	01/25/94	Unger	424	4
MAW	IF	5,456,900	10/10/95	Unger	424	9.4
MAW	IG	5,527,521	06/18/96	Unger	424	93
MAW	IH	5,547,656	08/20/96	Unger	424	9.4
MAW	II	5,358,702	10/25/94	Unger	424	9
MAW	IJ	4,985,550	01/15/91	Charpiot et al.	536	18.4
MAW	IK	5,498,421	03/12/96	Grinstaff et al.	424	450
MAW	IL	4,993,415	02/19/91	Long	128	653 A
MAW	IM	5,573,751	11/12/96	Quay	424	9.52
MAW	IN	5,606,973	03/04/97	Lambert et al.	128	662.02
FOREIGN PATENT DOCUMENTS						
Examiner Initial		Document No.	Date	Country	Translation YES NO	
MAW	IO	WO 92/15284	09/17/92	PCT	x	
MAW	IP	EP 0 052 575	05/26/82	EPO	x	
MAW	IQ	WO 92/22249	12/23/92	PCT	x	
MAW	IR	WO 95/24184	09/14/95	PCT	x	
MAW	IS	WO 96/40281	12/19/96	PCT	x	
EXAMINER				DATE CONSIDERED		
Michael D. Weller				4/1/02		



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
msw	IT	5,558,094	09/24/96	Quay	128	662.02
msw	IU	5,558,853	09/24/96	Quay	424	9.5
msw	IV	5,558,854	09/24/96	Quay	424	9.52
msw	IW	5,558,855	09/24/96	Quay	424	9.5
msw	IX	5,595,723	01/21/97	Quay	424	9.5
msw	IY	5,585,112	12/17/96	Unger et al.	424	450
msw	IZ	5,556,610	09/17/96	Yan et al.	424	9.52
msw	JA	5,578,292	11/26/96	Schneider et al.	424	9.51
msw	JB	4,933,121	06/12/90	Law et al.	264	4.3
msw	JC	5,315,998	05/31/94	Tachibana et al.	128	660.01
msw	JD	5,620,689	04/15/97	Allen et al.	424	178.1

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation NO	
missing page	JE	WO 91/03267	03/21/91	PCT	YES	
msw	JF	WO 94/21301	09/29/94	PCT		
msw	JG	WO 95/03835	02/09/95	PCT		
msw	JH	WO 95/32005	11/30/95	PCT		
msw	JI	WO 85/02772	07/04/85	PCT		
EXAMINER <i>Michael A. Wille</i>				DATE CONSIDERED 4/2/01		



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	JJ	5,643,553	07/01/97	Schneider et al.	424	9.52
MAW	JK	5,502,094	03/26/96	Moore et al.	524	145
MAW	JL	4,265,251	05/05/81	Tickner	128	660
MAW	JM	5,354,549	10/11/94	Klaveness et al.	424	3
MAW	JN	5,501,863	03/26/96	Rössling et al.	424	489
MAW	JO	5,542,935	08/06/96	Unger et al.	604	190
MAW	JP	5,558,092	09/24/96	Unger et al.	128	660.03
MAW	JQ	5,605,673	02/25/97	Schutt et al.	424	9.51
MAW	JR	5,626,833	05/06/97	Schutt et al.	424	9.52
MAW	JS	5,639,443	06/17/97	Schutt et al.	424	9.52
MAW	JT	3,650,831	03/21/72	Jungermann et al.		

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
MAW	JU	WO 91/09629	07/11/91	PCT		
MAW	JV	WO 92/22247	12/23/92	PCT		
MAW	JW	38 03 972 A1	08/10/89	Germany	X (both German and English language)	
MAW	JX	0 224 934 A2	06/10/87	EPO		
MAW	JY	0 359 246 A2	03/21/90	EPO		
EXAMINER	Michael A. Wells			DATE CONSIDERED	4/21/02	



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	JZ	3,968,203	07/06/76	Spitzer et al.	424	47
MAW	KA	4,027,007	05/31/77	Messina	424	46
MAW	KB	4,342,826	08/03/82	Cole	435	7
MAW	KC	5,004,611	04/02/91	Leigh	424	450
MAW	KD	5,192,549	03/09/93	Barenolz et al.	424	450
MAW	KE	5,135,000	08/04/92	Akselrod et al.	128	662.02
MAW	KF	5,672,585	09/30/97	Pierschbacher et al.	514	11
MAW	KG	5,247,935	09/28/93	Cline et al.	128	653.2
MAW	KH	5,558,856	09/24/96	Klaveness et al.	424	9.37
MAW	KI	5,569,449	10/29/96	Klaveness et al.	424	9.51
MAW	KJ	5,614,169	03/25/97	Klaveness et al.	424	9.52

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
MAW	KK	0 901 793 A1	3/17/99	EPO	x	
MAW	KL	WO 96/40285	12/19/96	PCT	x	
MAW	KM	WO 99/13919	03/25/99	PCT	x	
MAW	KN	0 368 486 A2	05/16/90	EP	x	
MAW	KO	0 422 938 B1	02/22/95	EP	x	
EXAMINER <i>Michelle A. Wells</i>				DATE CONSIDERED <i>4/6/02</i>		



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAN	KP	5,676,928	10/14/97	Klaveness et al.	424	9.32
MAN	KQ	5,686,060	11/11/97	Schneider et al.	424	9.52
MAN	KR	5,707,606	01/13/98	Quay	424	9.52
MAN	KS	5,707,607	01/13/98	Quay	424	9.52
MAN	KT	4,984,573	01/15/91	Leunbach	128	653
MAN	KU	4,834,964	05/30/89	Rosen	424	9
MAN	KV	5,593,680	01/14/97	Bara et al.	424	401
MAN	KW	5,686,102	11/11/97	Gross et al.	424	450
MAN	KX	5,362,477	11/08/94	Moore et al.	424	9
MAN	KY	5,485,839	01/23/96	Aida et al.	128	653.1
MAN	KZ	5,539,814	07/23/96	Shoji	379	215

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
EXAMINER	Minkube D Wells			DATE CONSIDERED 4/21/02		



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	LA	5,545,396	08/13/96	Albert et al.	424	93
MAW	LB	5,716,597	02/10/98	Lohrmann et al.	424	9.5
MAW	LC	5,732,707	03/31/98	Widder et al.	128	661.08
MAW	LD	3,291,843	12/13/66	Fritz et al.	260	614
MAW	LE	3,557,294	01/19/71	Dear et al.	424	342
MAW	LF	4,427,649	01/24/84	Dingle et al.	424	38
MAW	LG	4,663,161	05/05/87	Mannino et al.	424	89
MAW	LH	4,918,065	04/17/90	Stindl et al.	514	179
MAW	LI	5,008,109	04/16/91	Tin	424	422
MAW	LJ	5,107,842	04/28/92	Levene et al.	128	662.02
MAW	LK	5,196,348	03/23/93	Schweighardt et al.	436	173
MAW	LL	5,339,814	08/23/94	Lasker	128	653.4

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO
EXAMINER	Michael A. Willen			DATE CONSIDERED	4/2/02	



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. UNGR-1598	Serial N . 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	LM	5,552,155	09/03/96	Bailey et al.	424	450
MAW	LN	5,679,459	10/21/97	Riess et al.	428	402.2
MAW	LO	5,711,933	01/27/98	Bichon et al.	424	9.52
MAW	LP	5,733,527	03/31/98	Schutt	424	9.52
MAW	LQ	4,693,999	09/15/87	Axelsson et al.	514	174
MAW	LR	5,740,807	04/21/98	Porter	128	662.02
MAW	LS	5,569,448	10/29/96	Wong et al.	424	9.45
MAW	LT	5,804,162	09/08/98	Kabalnov et al.	424	9.51
MAW	LU	4,919,895	04/24/90	Heldebrant et al.	422	129
MAW	LV	5,840,023	11/24/98	Oraevsky et al.	600	407
MAW	LW	5,855,865	01/05/99	Lambert et al.	424	9.52

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO

EXAMINER <i>Michael A. Wells</i>	DATE CONSIDERED <i>4/21/02</i>
---	---------------------------------------



Sheet 41 of 42

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	LX	5,612,057	03/18/97	Lanza et al.	424	450
MAW	LY	5,858,399	01/12/99	Lanza et al.	424	450
MAW	LZ	4,530,360	07/23/85	Duarte	128	419 F
MAW	MA	5,556,372	09/17/96	Talish et al.	601	2
MAW	MB	5,571,797	11/05/96	Ohno et al.	514	44
MAW	MC	5,612,318	03/18/97	Weichselbaum et al.	514	44
MAW	MD	5,190,766	03/02/93	Ishihara	424	489
MAW	ME	5,508,021	04/16/96	Grinstaff et al.	424	9.322
MAW	MF	5,562,608	10/08/96	Sekins et al.	604	20
MAW	MG	5,565,215	10/15/96	Gref et al.	424	501
MAW	MH	5,648,095	07/15/97	Illum et al.	424	489

FOREIGN PATENT DOCUMENTS

Examiner Initial						

EXAMINER Mike D Willis	DATE CONSIDERED 4/21/02
----------------------------------	-----------------------------------



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. UNGR-1598	Serial No. 09/699,679
	Applicant UNGER et al.	
	Filing Date October 30, 2000	Group Unknown 1617

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
MAW	MI	5,707,352	01/13/98	Sekins et al.	604	56
MAW	MJ	5,736,121	04/07/98	Unger	424	9.4
MAW	MK	5,874,062	02/23/99	Unger	424	9.4
MAW	ML	5,460,800	10/24/95	Walters	429	9.6
MAW	MM	5,701,899	12/30/97	Porter	428	662.02
MAW	MN	5,897,851	04/27/99	Quay et al.	424	9.52
MAW	MO	5,976,501	11/02/99	Jablonski	424	9.52
MAW	MP	4,972,002	11/20/90	Volkert	521	120
MAW	MQ	5,695,460	12/09/97	Siegel et al.	604	21
MAW	MR	3,401,475	09/17/68	Morehouse et al.		
MAW	MS	5,580,275	12/03/96	Bozek	439	577
MAW	MT	5,830,430	11/03/98	Unger et al.	424	1.21
MAW	MU	5,997,898	12/07/99	Unger	424	450
MAW	MV	6,028,066	02/22/00	Unger	514	180
MAW	MW	6,090,800	07/18/00	Unger	514	180

FOREIGN PATENT DOCUMENTS

Examiner Initial						
EXAMINER	Michelle D. Willis			DATE CONSIDERED	4/2/02	

TECH CENTER 1600/2900

JUL 02 2001

RECEIVED

Form PTO-1449 Modified

Docket No.
UNGR-1598Serial No.
09/699,679Applicant
Evan C. Unger, et al.Filing Date
October 30, 2000Group
Not Yet AssignedList of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)U.S. Department of Commerce
Patent and Trademark Office

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>MLW</i>	AA	5,830,430	11/03/98	Unger, et al.	424	1.21
<i>MLW</i>	AB	5,997,898	12/07/99	Unger	424	450
<i>MLW</i>	AC	6,056,938	05/02/00	Unger, et al.	424	1.21

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
<i>MLW</i>	AD	WO 99/39738	08/12/99	PCT		
<i>MLW</i>	AE	WO 01/15742	03/08/01	PCT		

EXAMINER

Michael D. Lillis

DATE CONSIDERED

4/21/02

7
RECEIVED

JUL 23 2001

TECH CENTER 1600/2900

Sheet 1 of 1

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. UNGR-1598	Serial No. 09/699,679
		Applicant Evan C. Unger et al.,	
		Filing Date October 30, 2000	Group 1617 Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Gross, U. et al., "Phospholipid vesiculated fluorocarbons promising trend in blood substitutes" <i>Biomater., Art. Cells & Immob. Biotech.</i> , 1992 , Vol 20, (2-4) pp 831-833	
	AB	Riess, Jean G., "Fluorine in our arteries", <i>New J. Chem.</i> , 1995 , Vol 19 (8-9), pp 891-909	
	AC	Riess, Jean G., "Introducing a new element fluorine-into the liposomal membrane" <i>Journal of Liposome Research</i> , 1995 , Vol 5 (3) pp-413-430	
	AD	Trevino, L, et al., "Incorporation of a perfluoroalkylalkane (rfth) into the phospholipid bilayer of dmpe liposomes results in greater encapsulation stability", <i>Journal of Liposome Research.</i> , 1994 , Vol 4 (2) pp 1017-1028	
	AE	Zarif L. et al., "Biodistribution and excretion of a mixed fluoro-carbon-hydrocarbon "dowel" emulsion as determined by 19-F NMR", <i>Artificial Cells, Blood Substitutes, and Immobilization Biotechnology</i> , 1994 , Vol 22,(4) pp 1193-1198	
EXAMINER		DATE CONSIDERED 4/21/02	

SEP 14 2001

TECH CENTER
SEP 8 2001
Sheet 1 of 2

RECEIVED

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
UNGR-1598






Serial No.
09/699,679

Applicant
Evan C. Unger, et al.

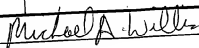
Filing Date
October 30, 2000

Group
1617
Not Yet Assigned

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AA	Porter, T.R., et al., "Multifold sonicated dilutions of albumin with fifty percent dextrose improve left ventricular contrast videointensity after intravenous injection in human beings," <i>J. Am. Soc. Echocardiogr</i> , XP 000590864, September/October 1994, 7(5), 465-471
	AB	Porter, T.R., et al., "Noninvasive identification of acute myocardial ischemia and reperfusion with contrast ultrasound using intravenous perfluoropropane-exposed sonicated dextrose albumin," <i>Am. College of Cardiology</i> , XP 000590865, July 1995, 26(1), 33-40
	AC	Porter, T.R., et al., "Visually discernible myocardial echocardiographic contrast after intravenous injection of sonicated dextrose albumin microbubbles containing high molecular weight, less soluble gases," <i>Am. College of Cardiology</i> , February 1995, 25(2), 509-515
	AD	Srinivasan, S.K., et al., "Characterization of binding sites, extent of binding, and drug interactions of oligonucleotides with albumin," <i>Antisense Res. And Develop.</i> , 1995, 5, 131-139
	AE	Xie, F., et al., "Acute myocardial ischemia and reperfusion can be visually identified non-invasively with intravenous perfluoropropane-enhanced sonicated dextrose albumin ultrasound contrast," <i>Circulation</i> , October 1994, 90(4), Part 2, Abstract 2989, 1 page

EXAMINER



DATE CONSIDERED

4/21/02

